Freeform Search

Database:
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US Pre-Grant Publication Full-Text Database
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JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
```

Term: `L14 and "temperature"`

Display: `10` Documents in **Display Format:** `-` **Starting with Number** `1`

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

[Search] [Clear] [Interrupt]

Search History

DATE: Wednesday, September 01, 2004   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ			
L16	L14 and "temperature"	29	L16
L15	L12 and "dilatometer"	1	L15
L14	L12 and "extensometer"	186	L14
L13	L12 and "thermal expansion"	9	L13
L12	(33/787-790)![CCLS]	408	L12
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L11	thermal expansion display	17	L11
L10	thermal expansion detector	16	L10
L9	thermal expansion indication	1	L9
L8	thermal expansion indicator	2	L8
L7	temperature expansion indicator	1	L7
L6	temperature extension indicator	0	L6
L5	temperature length indicator	0	L5
L4	temperature distance indicator	0	L4
L3	measure thermal expansion	100	L3
L2	thermally expandible scale	0	L2

<u>L1</u>   thermally expandable scale   0   <u>L1</u>

END OF SEARCH HISTORY

□ ▓ Generate Collection ▓

L3: Entry 97 of 100   File: DWPI   Dec 26, 1980

DERWENT-ACC-NO: 1981-J6162D
DERWENT-WEEK: 198137
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TITLE: Dilatometer checking thermal expandability - by comparison of specimen with
composite post made with materials of different thermal expandability

INVENTOR: MARDER, A K H; SADYKOV, M S ; TSIMERMANI, F K H

PATENT-ASSIGNEE:
ASSIGNEE   CODE
URALS CONS MAT RES   URALR

PRIORITY-DATA: 1979SU-2727597 (February 19, 1979)

▓ Search Selected ▓   ▓ Search ALL ▓   ▓ Clear ▓

PATENT-FAMILY:
    PUB-NO   PUB-DATE   LANGUAGE   PAGES   MAIN-IPC
□   SU 789716 B   December 26, 1980   003

INT-CL (IPC): G01N 25/16

ABSTRACTED-PUB-NO: SU 789716B
BASIC-ABSTRACT:

The dilatometer may be used to measure the thermal expansion of building materials,
and contains a post and specimen plus transducer and movement indicator set within
a heat insulated chamber. This has a temperature regulator and linear temperature
setter with automatic recording. For more accurate records, the post (1) is in two
parts with different coeffts. of thermal expansion.The position of the interface is
given by a=(k-(alpha1)L)/(alpha2-alpha1), where k is temperature measurement of
dilatometer and L the total post length. The linear setter (7) uses the regulator
(6) to maintain steady change of the conditions within the chamber, whether heating
or cooling in precise proportion to the automatic record chart. The change rate is
kept low to eliminate any cumulative difference in temperature between the specimen
(2) and the chamber (5). The change in temperature over the length of the specimen
is recorded by the transducer (4) which converts it to a signal for chart display.
Bul.47/ 23.12.80

CHOSEN-DRAWING: Dwg.1

TITLE-TERMS: DILATOMETER CHECK THERMAL EXPAND COMPARE SPECIMEN COMPOSITE POST MADE
MATERIAL THERMAL EXPAND

DERWENT-CLASS: S03

EPI-CODES: S03-E; S03-E01A;